

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 29 2009

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No
SF 078096

6. If Indian, Allottee or tribe Name

7. If Unit or CA/Agreement, Name and/or No

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

Mudge 52

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

9. API Well No.

30-045-23498

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

10. Field and Pool, or Exploratory Area

Picture Cliffs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1450' FNL & 1690' FEL SWNE SEC 21 T31N R11W

11. County or Parish, State

San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof). If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The above mentioned well has no further up hole potential. BP therefore requests permission to P&A the entire wellbore.

RCVD JUL 31 '09
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Cherry Hlava

Title **Regulatory Analyst**

Signature *Cherry Hlava*

Date **07/28/2009**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date

JUL 30 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCB

SJ Basin PxA Procedure 30-045-23498

Well Name: Mudge LS 52 – PC
Version: 1.0
Date: July 28, 2009
Repair Type: PxA

Objective: P&A entire wellbore.

1979 Completion

4-29-09 Wireline

RIH with 1" impression block, tag fluid @ 2102'. Tag fill @ 2526'.

Procedure: Notify BLM and NMOCD 24 hours prior to beginning P&A operations.

1. MIRU workover rig.
2. Hook up casing and tubing valves. Blow down well.
3. RU wireline. TIH with CW tubing plug assembly and set at **2000'** with collar stop below and 3-slip stop above (follow Best Practice procedure outlined by BP)
4. If can't CW, pump 2% KCL water to kill annulus and tubing. Wait 30 minutes. Watch pressures. Pump additional 2% KCP down tubing and casing. Ensure well is killed. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside. Install 2-way check valve with lubricator in tubing hanger as second barrier.
5. ND Wellhead
6. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
7. Pull tubing hanger and shut pipe rams. Pick up and install lubricator and pull 2-way check valve, remove tubing hanger, screw on tubing collar, then install stripping rubber.
8. Attempt to unseat Otis 2-7/8" x 1-1/4" perma-latch packer set @ 2541'. If can't unseat, contact engineer.
9. TOH with 1-1/4" production tubing currently set at **2576'** using approved "Under Balance Well Control Tripping Procedure". **LD old tubing.**
10. Pick up and TIH with workstring (utilize approved barriers) and set **CIBP @ 2460'**. Roll hole with fluid and pressure test casing. Expect top of cement @ 950' (TS on file) behind 2-7/8" casing.

11. RIH and mix correct batch of G-Class cement. Spot a cement plug from **2460'** (top of CIBP) to **1900' (560' plug)**. POOH. WOC. This should place cement across the PC and FT formations.
12. RIH and perf 2-7/8" casing at **975'**. POOH. Attempt to establish circulation from between the 2-7/8" and 6-3/4" hole if possible. RIH and set EZSV at **925'**. POOH with setting tool. RIH with workstring and stab into EZSV @ **925'** and pump and displace **250'** plug in 2-7/8" x 6-3/4" annulus. Pull out EZSV and pump and displace **250'** cement plug on top of EZSV. This should place cement across the Ojo Alamo and Kirtland formations.
13. RIH and perf 2-7/8" casing at **200'**. Establish circulation from **200'** to surface through 2-7/8" casing x 8-5/8" casing annulus. Pump and displace a **200'** plug from **200'** to surface both inside and outside of the 2-7/8" casing. This should put cement across surface casing show all the way to surface and in all annuli from **200' to surface**. POOH
14. Perform underground disturbance and hot work permits. Cut off tree. **If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.**
15. Install well marker and identification plate per NMOCD requirements.

Mudge LS 52 - PC

Sec 21, T31N, R11W

API # 30-045-23498

GL: 5883'

History:

Completed 1979

1-1/4" installed 1980

Alternative names:

mudge 52

PC Perforations

2514' - 2632'

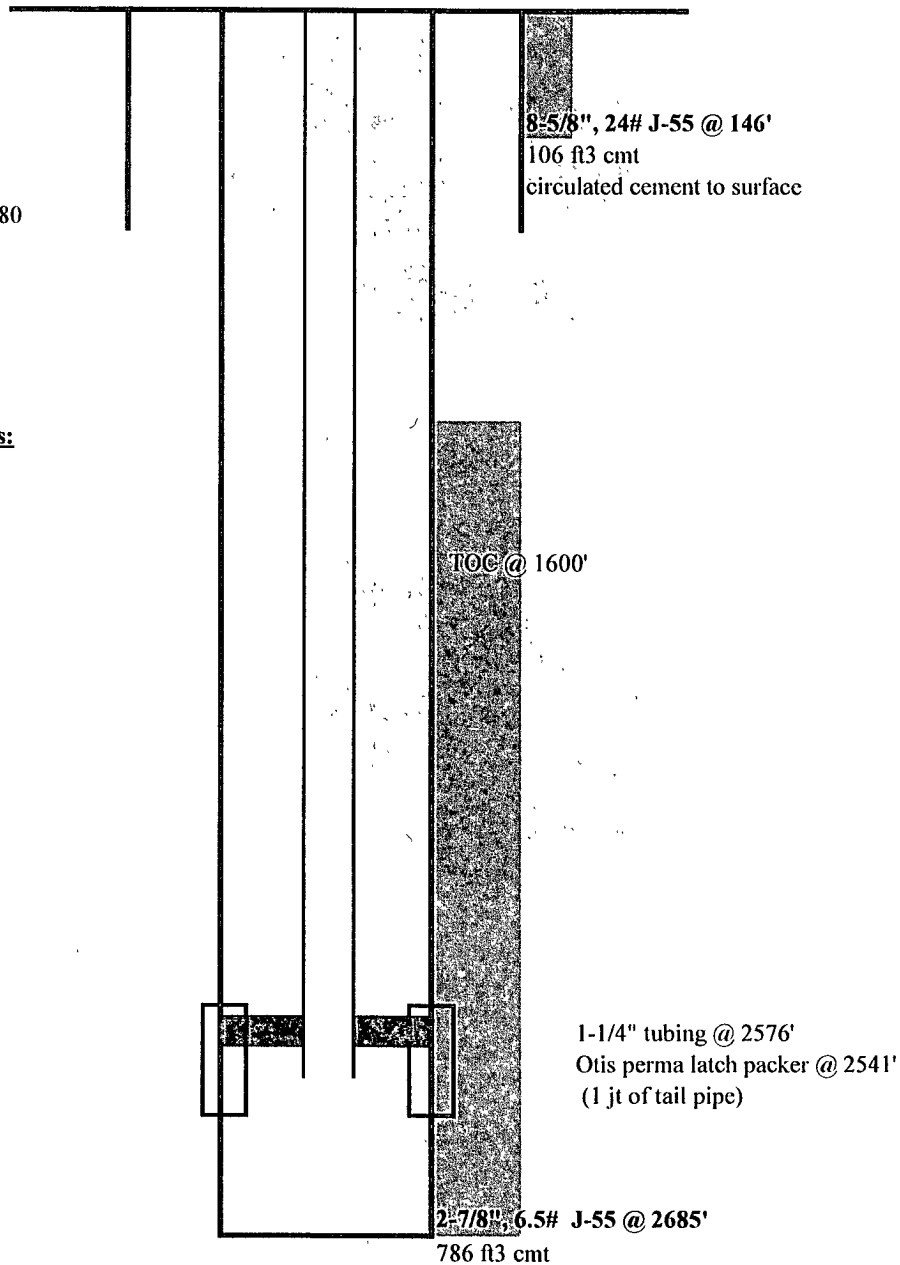
Formation tops:

Ojo Alamo	844'
Kirtland	923'
FC	2100'
PC	2508'

PBTD: 2675'

TD: 2685'

updated: 4/21/09 AH



Proposed P&A diagram:

Mudge LS 52 - PC

Sec 21, T31N, R11W

API # 30-045-23498

GL. 5883'

History:

Completed 1979

1-1/4" installed 1980

Alternative names:

mudge 52

PC Perforations

2514' - 2632'

Formation tops:

Ojo Alamo 844'

Kirtland 923'

FC 2100'

PC 2508'

PBTD: 2675'

TD: 2685'

updated 4/21/09 AH

